

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	116	"6756572" "4503322" "6310332" "5451747" "3375477"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/12 15:33
S2	10	((("6756572") or ("4503322") or ("6310332") or ("5451747") or ("3375477")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/12 15:29
S3	1	S1 and volt\$3 adj monitor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/12 15:56
S4	81	S1 and volt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/12 15:34
S5	6032	volt\$3 adj monitor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/12 15:56
S6	127989	"219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/12 15:56
S7	51	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:03
S8	637	vinod near patel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:03
S9	128023	"219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:04
S10	19130	"392"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:04
S11	8198	S9 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:04
S12	138955	S9 or S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:04
S13	322	S12 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:04
S14	2	S13 and deice\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/13 07:04

S15	12	("3375477"   "4503322"   "5206485"   "5451747"   "6310332"   "6756572"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/08 09:32
S16	14	"3375477"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/08 09:38
S17	30	"6310332"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/08 09:41
S18	379	(Daniels near Michael) or (wilkie near Philip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/08 09:57
S19	21	("3375477"   "3493727"   "3679872"   "4034185"   "4205223"   "4278874"   "4491723"   "4547154"   "4607154"   "4998006"   "5081341"   "5206485"   "5403992"   "5861610"). PN. OR ("6252198"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/08 10:09
S20	42	("0874023"   "1100708"   "1155058"   "1972499"   "3222497"   "3356835"   "3458846"   "3492463"   "3846620"   "3859506"   "4159459"   "4200973"   "4319216"   "4365109"   "4436986"   "4547658"   "4698488"   "4792663"   "4910391"). PN. OR ("4998006"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/08 10:14
S21	12	("3493727"). URPN.	USPAT	OR	ON	2008/04/08 10:23
S22	33	(US-20060186113-\$ or US-20050247700-\$ or US-20030189037-\$).did. or (US-6756572-\$ or US-6310332-\$ or US-5451747-\$ or US-4503322-\$ or US-3375477-\$ or US-7193191-\$ or US-7193179-\$ or US-7138611-\$ or US-7115842-\$ or US-7034251-\$ or US-6958463-\$ or US-6770854-\$ or US-6271506-\$ or US-5464965-\$ or US-5206485-\$ or US-6252198-\$ or US-3760319-\$ or US-3716693-\$ or US-5081341-\$ or US-4998006-\$ or US-4910391-\$ or US-4792663-\$ or US-4698488-\$ or US-4547658-	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2008/04/08 12:09

		\$ or US-4607154-\$ or US-3493727-\$).did. or (US-5403992-\$).did. or (US-3493727-\$ or US-3375477-\$).did. or (GB-2384631-\$).did.				
S23	16	S22 and (ptc or positive adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/08 12:10
S24	30	("3375477"   "3493727"   "4309597"   "4607154").PN. OR ("6310332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/08 12:48
S25	20	("20030047556"   "4485296"   "5081341"   "5640113"   "5770836"   "5861610"   "5986242"   "6097009"   "6157010"   "6222162"   "6252198"   "6300597"   "6310322"   "6310332"   "6586712"   "6617550"   "6703593"   "6768086"   "6770853"   "6841761").PN. OR ("7138611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/08 12:49
S26	87	emf near opposite	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/08 13:11
S28	4223	nickel and (ptc or positive adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/09 09:18
S29	2107	nickel and (ptc or positive adj temperature)	USPAT	OR	ON	2008/04/09 09:18
S30	689	S28 and heating adj element	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/09 09:19
S31	146	S30 and cable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/09 09:19
S32	0	("2006/0186113").URPN.	USPAT	OR	ON	2008/10/28 14:21
S33	35	"3375477" "6310332"	USPAT	OR	ON	2008/10/28 14:22
S34	30	("3375477"   "3493727"   "4309597"   "4607154").PN. OR ("6310332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/28 14:25
S35	10	("3375477").URPN.	USPAT	OR	ON	2008/10/28 14:27

S36	21	("3375477"   "3493727"   "3679872"   "4034185"   "4205223"   "4278874"   "4491723"   "4547154"   "4607154"   "4998006"   "5081341"   "5206485"   "5403992"   "5861610"). PN. OR ("6252198"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/28 14:27
S37	253	(michael near daniels) or (wilkie near shipley)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/28 14:29
S38	4	"6002117"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:41
S39	0	"20098088"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/28 14:41
S40	38	(US-20060186113-\$ or US-20050247700-\$ or US-20030189037-\$).did. or (US-6756572-\$ or US-6310332-\$ or US-5451747-\$ or US-4503322-\$ or US-3375477-\$ or US-7193191-\$ or US-7193179-\$ or US-7138611-\$ or US-7115842-\$ or US-7034251-\$ or US-6958463-\$ or US-6770854-\$ or US-6271506-\$ or US-5464965-\$ or US-5206485-\$ or US-6252198-\$ or US-3760319-\$ or US-3716693-\$ or US-5081341-\$ or US-4998006-\$ or US-4910391-\$ or US-4792663-\$ or US-4698488-\$ or US-4547658-\$ or US-4607154-\$ or US-3493727-\$).did. or (US-5403992-\$ or US-6300597-\$ or US-3768482-\$ or US-4309597-\$ or US-7241979-\$).did. or (US-3493727-\$ or US-3375477-\$).did. or (GB-2384631-\$).did. or (GB-2390004-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/10/28 15:12
S41	20	S40 and (ptc or positive adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/28 15:12
S42	30	("3375477"   "3493727"   "4309597"   "4607154"). PN. OR ("6310332"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/28 15:16

S43	38	(US-20060186113-\$ or US-20050247700-\$ or US-20030189037-\$).did. or (US-6756572-\$ or US-6310332-\$ or US-5451747-\$ or US-4503322-\$ or US-3375477-\$ or US-7193191-\$ or US-7193179-\$ or US-7138611-\$ or US-7115842-\$ or US-7034251-\$ or US-6958463-\$ or US-6770854-\$ or US-6271506-\$ or US-5464965-\$ or US-5206485-\$ or US-6252198-\$ or US-3760319-\$ or US-3716693-\$ or US-5081341-\$ or US-4998006-\$ or US-4910391-\$ or US-4792663-\$ or US-4698488-\$ or US-4547658-\$ or US-4607154-\$ or US-3493727-\$).did. or (US-5403992-\$ or US-6300597-\$ or US-3768482-\$ or US-4309597-\$ or US-7241979-\$).did. or (US-3493727-\$ or US-3375477-\$).did. or (GB-2384631-\$).did. or (GB-2390004-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/10/30 08:02
S44	20	S43 and (ptc or positive adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 08:02
S45	7	S44 and (ntc or negative adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 08:02
S46	30	("3375477"   "3493727"   "4309597"   "4607154"). PN. OR ("6310332"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 08:22
S47	3	("5861610"   "6222162"   "6310332").PN. OR ("7180037").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 08:30
S48	20	("20030047556"   "4485296"   "5081341"   "5640113"   "5770836"   "5861610"   "5986242"   "6097009"   "6157010"   "6222162"   "6252198"   "6300597"   "6310322"   "6310332"   "6586712"   "6617550"   "6703593"   "6768086"   "6770853"   "6841761").PN. OR ("7138611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 08:32

S49	21	("1752944"   "4238672"   "4400614"   "4491723"   "5105067"   "5218185"   "5403992").PN. OR ("6097009").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 08:44
S50	38	("3784843"   "3842243"   "3866587"   "4038519"   "4109134"   "4205223"   "4272671"   "4278873"   "4296312").PN. OR ("4485296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 08:58
S51	48	("3586831"   "4315141"   "4450496"   "4485296").PN. OR ("4577094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 09:02
S52	20	("20030047556"   "4485296"   "5081341"   "5640113"   "5770836"   "5861610"   "5986242"   "6097009"   "6157010"   "6222162"   "6252198"   "6300597"   "6310322"   "6310332"   "6586712"   "6617550"   "6703593"   "6768086"   "6770853"   "6841761").PN. OR ("7138611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 09:23
S53	20	("20030047556"   "4485296"   "5081341"   "5640113"   "5770836"   "5861610"   "5986242"   "6097009"   "6157010"   "6222162"   "6252198"   "6300597"   "6310322"   "6310332"   "6586712"   "6617550"   "6703593"   "6768086"   "6770853"   "6841761").PN. OR ("7138611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 09:28
S54	24	Mills near Edwin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 11:06
S55	28	("3222497"   "3588446"   "4315141"   "4430560"   "4549074"   "4607154").PN. OR ("4677281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 11:09
S56	28	("3222497"   "3588446"   "4315141"   "4430560"   "4549074"   "4607154").PN. OR ("4677281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 12:13

S57	43	("4607154").URPN.	USPAT	OR	ON	2008/10/30 12:14
S58	5950	(ptc or positive adj temperature) and (ntc or negative adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:41
S59	4006	(ptc or positive adj temperature) with (ntc or negative adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:41
S60	5087	(ptc or positive adj temperature) same (ntc or negative adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:41
S61	5950	S58 or S59 or S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:42
S62	2909	S61 and heat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:42
S63	1573	S62 and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:42
S64	1015	S62 and sensor	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:42
S65	1015	S62 and sensor	USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 12:43
S66	16	("3971416"   "3987318"   "4017715"   "4312121"   "4314145"   "4459473"   "4468557"   "4574188"   "4654511"   "4721848"   "4791276"   "4801784"   "4954696"   "5064997"   "5166658").PN. OR ("5432323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 12:51
S67	128	S61 and blanket	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 13:01
S68	65	("2978665"   "3209206"   "3213328"   "3241026"   "3243753"   "3280373"   "3396265"   "3418454"   "3434089"   "3437792"   "3444399"   "3489883"   "3544869"   "3614345"   "3667026"   "3745369"   "3814899"   "3828292"   "3846674"   "3872418"   "3916264"   "3965392"   "3979708"   "4019097"   "4101862"   "4132863"   "4198562"   "4238812"   "4278874").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 13:13

		("4450496").URPN.				
S69	28	("4072848"   "4200973"   "4503322"   "4638150"   "4661690"   "4668857"   "4700054"   "4742212"   "4777351"   "4849611"   "4919744"   "5422462"   "5495383"   "5558794"   "5682130"   "5796569"   "5801914"   "5802709"   "5818676"   "6157286"   "6242997"   "6292088").PN. OR ("6492629").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 13:26
S70	38	(US-20060186113-\$ or US-20050247700-\$ or US-20030189037-\$).did. or (US-6756572-\$ or US-6310332-\$ or US-5451747-\$ or US-4503322-\$ or US-3375477-\$ or US-7193191-\$ or US-7193179-\$ or US-7138611-\$ or US-7115842-\$ or US-7034251-\$ or US-6958463-\$ or US-6770854-\$ or US-6271506-\$ or US-5464965-\$ or US-5206485-\$ or US-6252198-\$ or US-3760319-\$ or US-3716693-\$ or US-5081341-\$ or US-4998006-\$ or US-4910391-\$ or US-4792663-\$ or US-4698488-\$ or US-4547658-\$ or US-4607154-\$ or US-3493727-\$).did. or (US-5403992-\$ or US-6300597-\$ or US-3768482-\$ or US-4309597-\$ or US-7241979-\$).did. or (US-3493727-\$ or US-3375477-\$).did. or (GB-2384631-\$).did. or (GB-2390004-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/10/30 14:46
S71	20	S70 and (ptc or positive adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 14:46
S72	4515	nickel and (ptc or positive adj temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 15:14
S73	727	S72 and heating adj element	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 15:14
S74	213	S73 and (blanket or pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 15:14



S75	748	S72 and (blanket or pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 15:17
S76	153	S72 and blanket	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 15:17
S77	16	"3222497"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/30 15:47

**4/ 3/ 2009 1:58:22 PM**

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